

**PERSONAL COMPUTER AUDIO INTERFACE DEVICE AND METHOD OF USING
THE SAME**

ABSTRACT

5 An interface system for interconnecting a personal computer to audio input ports of a home stereo system. An illustrative embodiment of the invention comprises impedance transformers for improving the impedance match between an audio output port of the PC and the higher impedance audio input ports of the stereo system. An elongated low voltage, low impedance cable has coupling devices at each end, the coupling devices being dimensioned and arranged to establish respective signal paths through the cable by electrically interconnecting the audio output port and the corresponding low impedance windings of the first and second impedance transformers. The illustrative interface system further includes additional coupling devices dimensioned and arranged to accommodate electrical connections between corresponding high impedance windings of the first and second impedance transformers and the first and second audio input ports of the home stereo system.

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